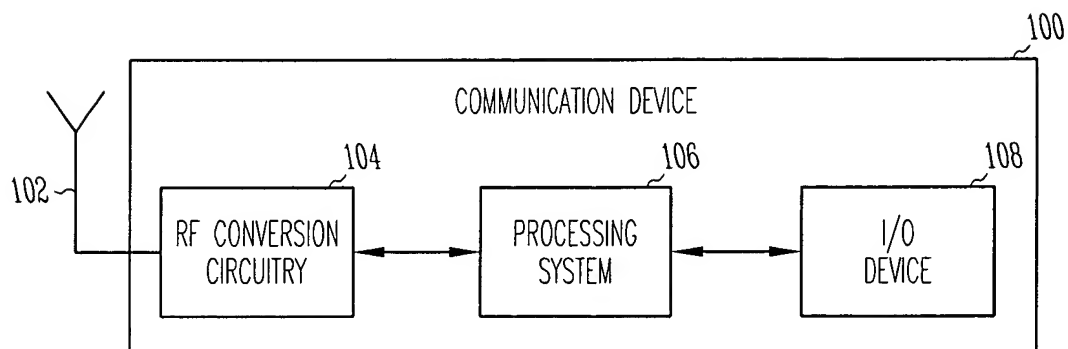TITLE: SYSTEM AND METHOD FOR HIGH-SPEED COMMUNICATIONS BETWEEN AN APPLICATION PROCESSOR AND COPROCESSOR
INVENTOR'S NAME: Lawrence A. Booth, Jr., et al.
SERIAL NO.: 10/612,291   DOCKET NO.: 884.897US1

1/3

Fig. 1

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2/3

Fig.2

TITLE: SYSTEM AND METHOD FOR HIGH-SPEED COMMUNICATIONS BETWEEN AN APPLICATION PROCESSOR AND COPROCESSOR
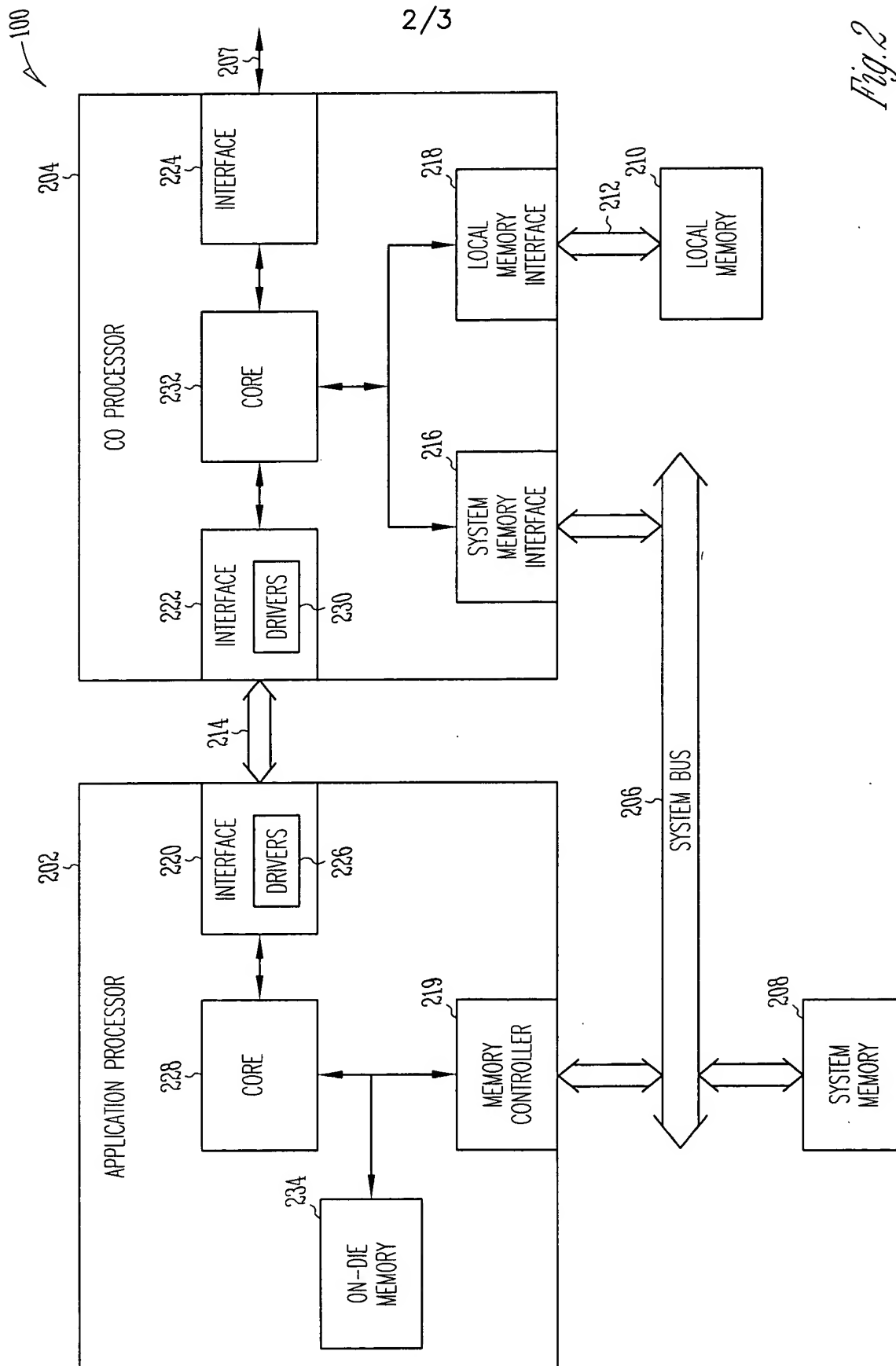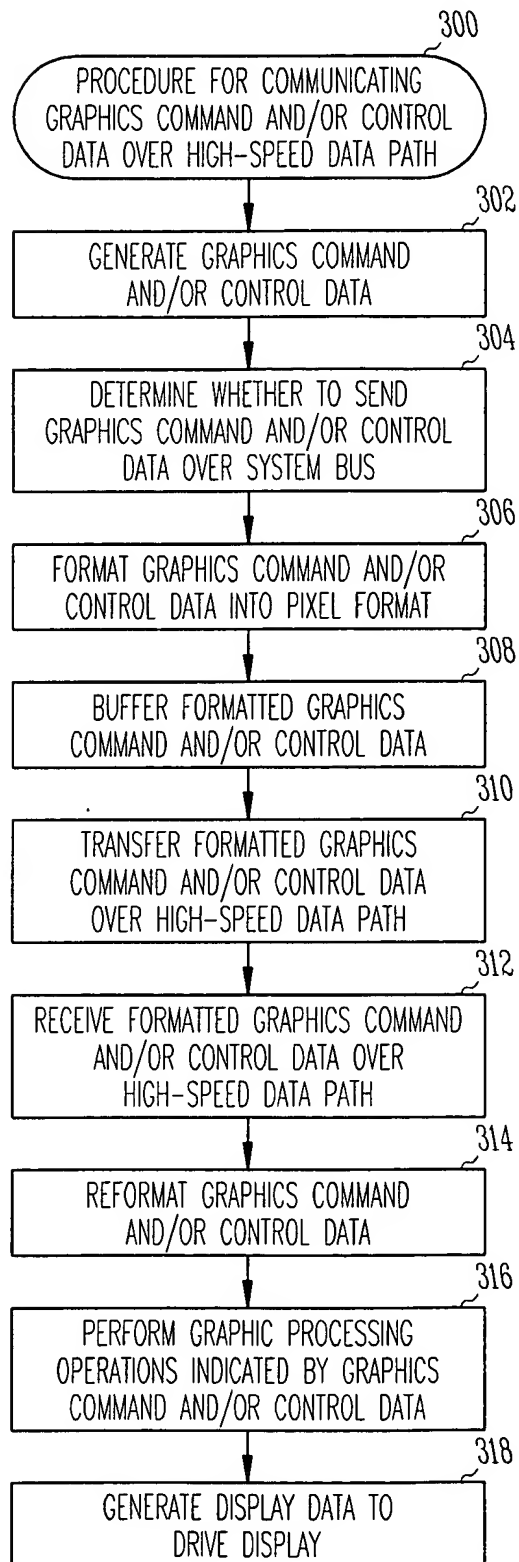INVENTOR'S NAME: Lawrence A. Booth, Jr., et al.
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3/3

300

PROCEDURE FOR COMMUNICATING
GRAPHICS COMMAND AND/OR CONTROL
DATA OVER HIGH-SPEED DATA PATH

302

GENERATE GRAPHICS COMMAND
AND/OR CONTROL DATA

304

DETERMINE WHETHER TO SEND
GRAPHICS COMMAND AND/OR CONTROL
DATA OVER SYSTEM BUS

306

FORMAT GRAPHICS COMMAND AND/OR
CONTROL DATA INTO PIXEL FORMAT

308

BUFFER FORMATTED GRAPHICS
COMMAND AND/OR CONTROL DATA

310

TRANSFER FORMATTED GRAPHICS
COMMAND AND/OR CONTROL DATA
OVER HIGH-SPEED DATA PATH

312

RECEIVE FORMATTED GRAPHICS COMMAND
AND/OR CONTROL DATA OVER
HIGH-SPEED DATA PATH

314

REFORMAT GRAPHICS COMMAND
AND/OR CONTROL DATA

316

PERFORM GRAPHIC PROCESSING
OPERATIONS INDICATED BY GRAPHICS
COMMAND AND/OR CONTROL DATA

318

GENERATE DISPLAY DATA TO
DRIVE DISPLAY

Fig. 3